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PATENT
DOCKET NO.: 12219/42

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Takahiro AMANAI, et al.
SERIAL NO. : 10/716,395
FILED : 20 November 2003
FOR : VIEWING OPTICAL SYSTEM AND IMAGE PICKUP OPTICAL
SYSTEM AND APPARATUS USING THE SAME
Patent No. : **6,836,347 B2** Issued 28 December 2004

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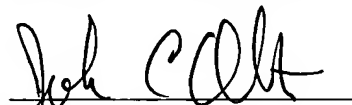
REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 C.F.R. § 1.322

SIR:

It is respectfully requested that the enclosed certificate of correction be issued for the above Patent under authority of 35 USC §354.

The changes represent correction of errors which occurred during printing of the patent and were not the fault of the applicants. Therefore, no fee is required.

Respectfully submitted,


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Dated: 03 May 2005

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : US 6,836,347 B2
DATED : 28 December 2004
INVENTOR(S) : Takahiro AMANAI, et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column</u>	<u>Line</u>	
3	07	Change "into-one" to --into one--.
14	46-47	Change the formula (b) to read as follows: -- $Z = (C_x \cdot X^2 + C_y \cdot Y^2) / [1 + \{1 - (1 + K_x)C_x^2 \cdot X^2 - (1 + K_y)C_y^2 \cdot Y^2\}^{1/2}] + \sum R_n \{ (1 - P_n)X^2 + (1 + P_n)Y^2 \}^{(n+1)}$... (b)
21	5	Change " $D_9(3R^3 - 2R) + \cos(A) + D_{10}(3R^3 - 2R)\sin(A) +$ " to -- $D_9(3R^3 - 2R)\cos(A) + D_{10}(3R^3 - 2R)\sin(A) +$ --.

MAILING ADDRESS OF SENDER:

Patent No.: 6,836,347 B2

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